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|   |                      |                         |                     |
|---|----------------------|-------------------------|---------------------|
| <b>TRANSMITTAL FORM</b><br><br>(to be used for all correspondence after initial filing) | Application Number   | <b>10/623,974</b>       |                     |
|   | Filing Date          | <b>July 21, 2003</b>    |                     |
|   | First Named Inventor | <b>Alberto Bil tti</b>  |                     |
|   | Art Unit             | <b>2836</b>             |                     |
|   | Examiner Name        | <b>Not Yet Assigned</b> |                     |
| Total Number of Pages in This Submission  | <b>7</b>             | Attorney Docket Number  | <b>ALLEG-012CUS</b> |

| ENCLOSURES (Check all that apply)  |   |   |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input checked="" type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Technology Center (TC)<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br>Return Postcard<br>PTO Form PTO/SB/08A (formerly #1449) |
| <div>Remarks</div> <p>In the event a petition for extension of time is required by this paper and not otherwise provided, such petition is hereby made and authorization is provided herewith to charge deposit account No. 50-0845 for the cost of such extension.</p>  |   |   |
| <b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>  |   |   |
| Firm or Individual   | <b>Judith C. Crowley</b> Reg. No. 35,091<br><b>Daly, Crowley &amp; Mofford, LLP</b>   |   |
| Signature  |   |   |
| Date   | <b>13 November 2003</b>   |   |

| CERTIFICATE OF TRANSMISSION/MAILING   |                          |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. |                          |
| Typed or printed  | <b>Judith C. Crowley</b> |
| Signature   |                          |
| Date  | <b>13 Nov. 2003</b>      |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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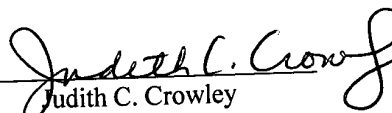


## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                                    |                        |
|------------------------------------|------------------------|
| Appl. No. : 10/623,974             | Confirmation No.: 5314 |
| Applicant : Alberto Bilotti et al. |                        |
| Filed : July 21, 2003              |                        |
| T.C./A.U. : 2836                   |                        |
| Examiner : Not Yet Assigned        |                        |
| Docket No. : ALLEG-012CUS          |                        |
| Customer No. : 022494              |                        |

Certificate of Mailing (37 C.F.R. 1.8(a))

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3 November 2003Date of Signature  
and Mail DepositBy:   
Judith C. Crowley  
Reg. No. 35,091  
Attorney for Applicant(s)INFORMATION DISCLOSURE STATEMENT

Mail Stop Group Art 2836  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO form PTO/SB/08A (Formerly #1449). The paragraph(s) marked below are applicable to this Information Disclosure Statement.

[ X ] (1) The enclosed Information Disclosure Statement is being filed: within three months of the filing date; or within three months of the entry of the national stage of the above-identified application; or before the mailing of a first Office Action on the merits; or before the

mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Accordingly, Applicant(s) believes that no fee or statement is required.

[ ] (2) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by the fee set forth in 37 C.F.R. § 1.17(p).

SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

[ ] (3) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(2)

[ ] (4) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(1)

[ ] (5) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(2)

[ ] (6) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

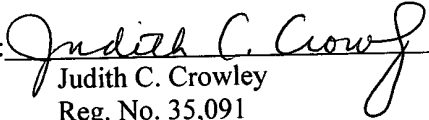
Appl. No. 10/623,974  
Filing Date: July 21, 2003  
T.C./A.U. No.: 2836  
Docket No. ALLEG-012CUS

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Respectfully submitted,

Dated: 3 November 2003

DALY, CROWLEY & MOFFORD, LLP

By:   
Judith C. Crowley  
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Pursuant to 37 C.F.R. §1.98(d) copies of references marked with a \* which were previously cited by or submitted to the Patent Office in parent Application No. 09/997,148, filed November 27, 2001 are not enclosed.

PTO/SB/08A (02-03)

Approved for use through 04/30/2003. OMB 0651-0031

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

### Complete if Known

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/623,974       |
| Filing Date            | July 21, 2003    |
| First Named Inventor   | Alberto Bilotti  |
| Art Unit               | 2836             |
| Examiner Name          | Not Yet Assigned |
| Attorney Docket Number | ALLEG-012CUS     |

Sheet 1 of 1

### U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
|                    |                       | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
|                    | *                     | US- 4,204,158                            | 05/20/1980                     | Ricouard et al.                                    |   |
|                    | *                     | US- 4,349,814                            | 09/14/1982                     | Akehurst   |   |
|                    | *                     | US- 4,355,209                            | 10/19/1982                     | Sabon et al.                                       |   |
|                    | *                     | US- 4,745,363                            | 05/17/1988                     | Carr et al.  |   |
|                    | *                     | US- 4,761,569                            | 08/02/1988                     | Higgs  |   |
|                    | *                     | US- 4,859,941                            | 08/22/1989                     | Higgs et al.                                       |   |
|                    | *                     | US- 4,966,041                            | 10/30/1990                     | Miyazaki   |   |
|                    | *                     | US- 5,541,562                            | 07/30/1996                     | Fletcher et al.                                    |   |
|                    | *                     | US- 5,666,410                            | 09/09/1997                     | McLane   |   |
|                    | *                     | US- 5,686,894                            | 11/11/1997                     | Vig et al.   |   |
|                    | *                     | US- 5,789,915                            | 08/04/1998                     | Ingraham   |   |
|                    | *                     | US- 5,861,796                            | 01/19/1999                     | Benshoff   |   |
|                    | *                     | US- 5,867,021                            | 02/02/1999                     | Hancock  |   |
|                    | *                     | US- 6,014,008                            | 01/11/2000                     | Hartzell et al.                                    |   |
|                    | *                     | US- 6,035,211                            | 03/07/2000                     | Rabe et al.  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |
|                    |                       | US-                                      |                                |  |   |

### FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Foreign Patent Document   | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>Or Relevant Figures Appear | T <sup>6</sup> |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
|                    |                       | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                |  |   |                |
|                    | *                     | 0631416   | 12/28/1994                     | Europe   |   |                |
|                    | *                     | 62048160  | 03/02/1987                     | Japan  |   |                |
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|                    |                       |   |                                |  |   |                |

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (02-03)

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Sheet

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of

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### Complete if Known

|                        |                  |
|------------------------|------------------|
| Application Number     | 10/623,974       |
| Filing Date            | July 21, 2003    |
| First Named Inventor   | Alberto Bilotti  |
| Art Unit               | 2836             |
| Examiner Name          | Not Yet Assigned |
| Attorney Docket Number | ALLEG-012CUS     |

### OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup> |
|--------------------|-----------------------|---|----------------|
|                    | *                     | Allegro MicroSystems 3235 product datasheet, Dual-Output Hall-Effect Switch, pages 4-64 through 4-67.   |                |
|                    |                       |   |                |
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Examiner  
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

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